

ABSTRACT

5 Blood processing systems and methods convey blood
cells from a blood cell source into a blood component
collection flow channel that includes a blood cell storage
container and an in-line filter to remove leukocytes from
blood cells before entering the blood cell storage
10 container. The systems and methods also convey additive
solution from an additive solution source into the blood
component collection flow channel. The systems and methods
alternate the conveyance of blood cells through the filter
with the conveyance of additive solution through the filter.